FAX No. 703 746 7239 ATTY DOCKET NO: 100110346-1   Date: Oct. 05, 2004

The Patent and Trademark Office date stamp sets forth the receipt date (or both the receipt date and the Serial Number) of a patent application identified as follows:

Applicant: Shackleford, J. Barry et. al

Title: Truth Table Candidate Reduction for Cellular Automata Based Random Number Generators.

[x] Transmittal Letter _1_ Pgs.

[ ] Appln. ____ Pgs Spec. ____ Pgs Claims ____ Total Claims ____ Pgs Abstract

[ ] Rule 53(b) (CIP) or [ ] Rule 53(d) (CPA) Request ____ Pages

[ ] Assignment ____ Pages ____ Recordation Form Cover Sheet ____ Pages

[ ] Check $_0_   [ ] Small Entity Statement

[ ] Drawings ____ Sheets Formal ____ Sheets Informal

[ ] Combined Declaration/Power of Atty ____ Pages ____ Signed ____ Unsigned

[x] Amendment _16_ Pages

   [ ] PTO Form 1449 ____ Pages [ ] Prior Art Ref – No. References ____

[ ] Priority Document ____ Pages

[ ] Other:

Atty/Sec. Initials _lzw_ Client/Matter Name _Hewlett-Packard DC_

HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P. O. Box 272400
Fort Collins, Colorado 80527-2400

PATENT APPLICATION

ATTORNEY DOCKET NO.   100110346-1

IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s):	Shackleford, et al.	**Confirmation No.:** 4332	
Application No.:	09/977985	**Examiner:** Tan V. Mai	
Filing Date:	10/17/2001	**Group Art Unit:** 2124	
Title:	Truth Table Candidate Reduction for Cellular Automata Based Random Number Generators		

Mail Stop Amendment
Commissioner For Patents
PO Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT

Sir:

Transmitted herewith is/are the following in the above-identified application:

(X)   Response/Amendment   ( )   Petition to extend time to respond
( )   New fee as calculated below   ( )   Supplemental Declaration
(X)   No additional fee
(X)   Other: No ext. fees per S. Cotton, Legal Inst. Exam _____ (fee $_____)

CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY						
(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT	(3) NUMBER EXTRA	(4) HIGHEST NUMBER PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEES
TOTAL CLAIMS	22	MINUS	22	= 0	X $18	$ 0
INDEP. CLAIMS	3	MINUS	3	= 0	X $88	$ 0
[ ] FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM					+ $300	$ 0
EXTENSION FEE	1ST MONTH $110.00	2ND MONTH $430.00	3RD MONTH $980.00	4TH MONTH $1530.00		$ 0
				OTHER FEES		$
	TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					$ 0

Charge $____0____ to Deposit Account 08-2025. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 08-2025 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 08-2025 under 37 CFR 1.16, 1.17, 1.19, 1.20 and 1.21. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

(X) I hereby certify that this paper is being transmitted
to the Patent and Trademark Office facsimile
number (703) 746-7239 on Oct 5, 2004
Number of pages: 17

Typed Name: Leland Wiesner

Signature _Leland Wiesner_

Shackleford, et al.

By _Leland Wiesner_

Leland Wiesner
Attorney/Agent for Applicant(s)
Reg. No. **39,424**

Date: **Oct 5, 2004**

Telephone No.: **(650) 853-1113**

Rev 10/04 (TnAmdFax)
- Attach as First Page to Transmitted Papers -

PAGE 2/18 * RCVD AT 10/5/2004 4:55:13 PM [Eastern Daylight Time] * SVR:USPTO-EFXRF-2/2 * DNIS:7467239 * CSID:6508531114 * DURATION (mm-ss):04-58

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Shackleford, et al.   Art Unit   : 2124
Dkt. No. : 100110346-1   Examiner : Tan V. Mai
Issue Date : n/a
Serial No. : 09/977,985
Filed   : 10/17/2001
Title   : Truth Table Candidate Reduction for Cellular Automata Based Random Number
            Generators

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

<u>**VIA FACSIMILE**</u>

<u>RESPONSE</u>

Dear Examiner:

Please note that we initially responded in a timely manner on June 27, 2004 to the Office

Action of April 27, 2004 thus requiring no extensions of time. Our present modified response

addresses the second of two different "Notice of Non-Compliance". In particular, this second

"Notice of Non-Compliance" included additional objections not raised in the first "Notice of

Non-Compliance". While we apologize for any delays, no extensions fees should be charged as

we have done everything possible to respond quickly; any delays are solely the result of the

USPTO. Nonetheless, please amend this application as follows: